

WEST Search History

DATE: Wednesday, October 01, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L1	(air near5 (conditioner or conditioning or purifier or purifying)) or (ion near5 (generating or generator))	193833	L1
L2	electrode near3 (emitter or emitting)	31911	L2
L3	electrode near3 (collector or collecting)	34075	L3
L4	l1 same l2 same L3	19	L4

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 19 of 19 returned.** **1. Document ID: US 20030170150 A1**

L4: Entry 1 of 19

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170150

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170150 A1

TITLE: Electrode self-cleaning mechanism for electro-kinetic air transporter-conditioner devices

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lau, Shek Fai	Foster City	CA	US	
Lee, Jimmy Luther	Rohnert Park	CA	US	
Parker, Andrew J.	Sausalito	CA	US	

US-CL-CURRENT: 422/186[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KWDIC](#) [Draw Desc](#) [Image](#) **2. Document ID: US 20030147783 A1**

L4: Entry 2 of 19

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030147783

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030147783 A1

TITLE: Apparatuses for conditioning air with means to extend exposure time to anti-microorganism lamp

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.3; 422/186.04[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KWDIC](#) [Draw Desc](#) [Image](#) **3. Document ID: US 20030072697 A1**

L4: Entry 3 of 19

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030072697
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030072697 A1

TITLE: Apparatus for conditioning air

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.07

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

4. Document ID: US 20020155041 A1

L4: Entry 4 of 19

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020155041
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020155041 A1

TITLE: Electro-kinetic air transporter-conditioner with non-equidistant collector electrodes

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McKinney, Edward C. JR.	San Rafael	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

5. Document ID: US 20020150520 A1

L4: Entry 5 of 19

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150520
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020150520 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced emitter electrode

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Drawn Desc](#) [Image](#) 6. Document ID: US 20020134665 A1

L4: Entry 6 of 19

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134665

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134665 A1

TITLE: Electro-kinetic air transporter-conditioner devices with trailing electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Drawn Desc](#) [Image](#) 7. Document ID: US 20020134664 A1

L4: Entry 7 of 19

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134664

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134664 A1

TITLE: Electro-kinetic air transporter-conditioner devices with an upstream focus electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Drawn Desc](#) [Image](#) 8. Document ID: US 20020127156 A1

L4: Entry 8 of 19

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127156 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced collector electrode

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

9. Document ID: US 20020122752 A1

L4: Entry 9 of 19

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122752

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122752 A1

TITLE: Electro-kinetic air transporter-conditioner devices with interstitial electrode

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 422/186

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

10. Document ID: US 20020122751 A1

L4: Entry 10 of 19

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122751

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122751 A1

TITLE: Electro-kinetic air transporter-conditioner devices with a enhanced collector electrode for collecting more particulate matter

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sinaiko, Robert J.	San Francisco	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

11. Document ID: US 20020098130 A1

L4: Entry 11 of 19

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098130

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020098130 A1

TITLE: Apparatus for purifying and deodorizing air

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hai Fong, William Wing	Kin		HK	

US-CL-CURRENT: 422/186.04[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 12. Document ID: US 4524275 A

L4: Entry 12 of 19

File: USPT

Jun 18, 1985

US-PAT-NO: 4524275

DOCUMENT-IDENTIFIER: US 4524275 A

TITLE: Multiple collector mass spectrometers

DATE-ISSUED: June 18, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cottrell; John S.	Manchester M20 8QP			GB
Turner; Patrick J.	Wilmslow, Cheshire			GB
Kay; David J.	Northwich, Cheshire			GB

US-CL-CURRENT: 250/298; 250/299, 250/396ML[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 13. Document ID: US 4230944 A

L4: Entry 13 of 19

File: USPT

Oct 28, 1980

US-PAT-NO: 4230944

DOCUMENT-IDENTIFIER: US 4230944 A

TITLE: X-ray system exposure control with ion chamber

DATE-ISSUED: October 28, 1980

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wiegman; Douglas C.	La Grange Park	IL		
Grichnik; James A.	Elk Grove Village	IL		

US-CL-CURRENT: 378/97; 250/385.1, 378/116

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KIMC](#) | [Draw Desc](#) | [Image](#)

14. Document ID: US 4069665 A

L4: Entry 14 of 19

File: USPT

Jan 24, 1978

US-PAT-NO: 4069665

DOCUMENT-IDENTIFIER: US 4069665 A

TITLE: Gas ionizing apparatus for improving the operation of an internal combustion engine

DATE-ISSUED: January 24, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bolasny; Robert E.	Boulder	CO		

US-CL-CURRENT: 60/275; 123/538, 204/164, 250/426, 361/231, 422/186.15, 422/906,
422/907

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KIMC](#) | [Draw Desc](#) | [Image](#)

15. Document ID: US 3983423 A

L4: Entry 15 of 19

File: USPT

Sep 28, 1976

US-PAT-NO: 3983423

DOCUMENT-IDENTIFIER: US 3983423 A

TITLE: Thermionic converter

DATE-ISSUED: September 28, 1976

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rasor; Ned S.	Sunnyvale	CA		
Britt; Edward J.	Cupertino	CA		

US-CL-CURRENT: 310/306

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KIMC](#) | [Draw Desc](#) | [Image](#)

16. Document ID: US 3943407 A

L4: Entry 16 of 19

File: USPT

Mar 9, 1976

US-PAT-NO: 3943407

DOCUMENT-IDENTIFIER: US 3943407 A

TITLE: Method and apparatus for producing increased quantities of ions and higher energy ions

DATE-ISSUED: March 9, 1976

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bolasny; Robert E.	Boulder	CO		

US-CL-CURRENT: 361/229; 123/536, 60/274

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

17. Document ID: US 3702526 A

L4: Entry 17 of 19

File: USPT

Nov 14, 1972

US-PAT-NO: 3702526

DOCUMENT-IDENTIFIER: US 3702526 A

TITLE: AIR IONIZATION AND CLEANING ARRANGEMENT

DATE-ISSUED: November 14, 1972

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eichmeier; Joseph	Munich			DT

US-CL-CURRENT: 96/16; 128/205.27, 250/432R, 315/111.01, 361/231, 422/121, 55/385.1

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

18. Document ID: US 3569751 A

L4: Entry 18 of 19

File: USPT

Mar 9, 1971

US-PAT-NO: 3569751

DOCUMENT-IDENTIFIER: US 3569751 A

TITLE: HIGH VOLTAGE GENERATOR

DATE-ISSUED: March 9, 1971

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ruhnke; Lothar H.	Honolulu	HI		

US-CL-CURRENT: 310/10; 96/66, 96/77

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

19. Document ID: CN 1410165 A US 20020155041 A1

L4: Entry 19 of 19

File: DWPI

Apr 16, 2003

DERWENT-ACC-NO: 2003-102766

DERWENT-WEEK: 200345

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TITLE: Electro-kinetic air transporter-conditioner has emitter and collector arrays arranged such that innermost electrode of collector array is located farther away from emitter array than its outermost electrodes

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KOMC](#) | [Draw Desc](#) | [Clip Img](#) | [Image](#)[Generate Collection](#)[Print](#)

Terms	Documents
11 same 12 same L3	19

[Display Format:](#) [Previous Page](#) [Next Page](#)

WEST Search History

DATE: Wednesday, October 01, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L1	taylor-charles\$.in. or lee-jim\$.in.	311	L1
L2	L1 and electrode	58	L2
L3	L2 and (emitter or emitting or emit)	34	L3
L4	L3 and (collector or collecting or collect)	30	L4

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 30 of 30 returned.** **1. Document ID: US 20030170150 A1**

L4: Entry 1 of 30

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170150

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170150 A1

TITLE: Electrode self-cleaning mechanism for electro-kinetic air transporter-conditioner devices

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lau, Shek Fai	Foster City	CA	US	
Lee, Jimmy Luther	Rohnert Park	CA	US	
Parker, Andrew J.	Sausalito	CA	US	

US-CL-CURRENT: 422/186[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KOMC](#) [Draw Desc](#) [Image](#) **2. Document ID: US 20030159918 A1**

L4: Entry 2 of 30

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030159918

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030159918 A1

TITLE: Apparatus for conditioning air with anti-microorganism capability

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 204/164; 204/176, 422/186.07, 422/186.3[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KOMC](#) [Draw Desc](#) [Image](#) **3. Document ID: US 20030147783 A1**

L4: Entry 3 of 30

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030147783

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030147783 A1

TITLE: Apparatuses for conditioning air with means to extend exposure time to anti-microorganism lamp

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.3; 422/186.04

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

4. Document ID: US 20030072697 A1

L4: Entry 4 of 30

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030072697

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030072697 A1

TITLE: Apparatus for conditioning air

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.07

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

5. Document ID: US 20020174876 A1

L4: Entry 5 of 30

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020174876

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020174876 A1

TITLE: Ion emitting grooming brush

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
<u>Lau, Shek Fai</u>	Foster City	CA	US	

US-CL-CURRENT: 132/116

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

6. Document ID: US 20020155041 A1

L4: Entry 6 of 30

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020155041

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020155041 A1

TITLE: Electro-kinetic air transporter-conditioner with non-equidistant collector electrodes

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McKinney, Edward C. JR.	San Rafael	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Drawn Desc](#) [Image](#) 7. Document ID: US 20020150520 A1

L4: Entry 7 of 30

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150520

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020150520 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced emitter electrode

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Drawn Desc](#) [Image](#) 8. Document ID: US 20020146356 A1

L4: Entry 8 of 30

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020146356

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020146356 A1

TITLE: Dual input and outlet electrostatic air transporter-conditioner

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sinaiko, Robert J.	San Francisco	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	San Francisco	CA	US	

US-CL-CURRENT: 422/186.04

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

9. Document ID: US 20020134665 A1

L4: Entry 9 of 30

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134665

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134665 A1

TITLE: Electro-kinetic air transporter-conditioner devices with trailing electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

10. Document ID: US 20020134664 A1

L4: Entry 10 of 30

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134664

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134664 A1

TITLE: Electro-kinetic air transporter-conditioner devices with an upstream focus electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

11. Document ID: US 20020127156 A1

L4: Entry 11 of 30

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127156 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced collector electrode

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC	Draw Desc	Image
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 12. Document ID: US 20020122752 A1

L4: Entry 12 of 30

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122752

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122752 A1

TITLE: Electro-kinetic air transporter-conditioner devices with interstitial electrode

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 422/186

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC	Draw Desc	Image
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 13. Document ID: US 20020122751 A1

L4: Entry 13 of 30

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122751

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122751 A1

TITLE: Electro-kinetic air transporter-conditioner devices with a enhanced collector electrode for collecting more particulate matter

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Sinaiko, Robert J.</u>	San Francisco	CA	US	
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	

US-CL-CURRENT: 422/186

[Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments] [KMC | Draw Desc | Image]

 14. Document ID: US 20020100488 A1

L4: Entry 14 of 30

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020100488

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020100488 A1

TITLE: ION EMITTING GROOMING BRUSH

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 132/271; 607/79

[Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments] [KMC | Draw Desc | Image]

 15. Document ID: US 20020098131 A1

L4: Entry 15 of 30

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098131

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020098131 A1

TITLE: Electro-kinetic air transporter-conditioner device with enhanced cleaning features

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 422/186.04; 204/164, 204/176, 422/186.07

[Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments] [KMC | Draw Desc | Image]

 16. Document ID: US 20020079212 A1

L4: Entry 16 of 30

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020079212

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020079212 A1

TITLE: Electro-kinetic air transporter-conditioner

PUBLICATION-DATE: June 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 204/164; 204/176, 422/186.04, 422/186.07

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

17. Document ID: US 20010048906 A1

L4: Entry 17 of 30

File: PGPB

Dec 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010048906

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010048906 A1

TITLE: Electrode self-cleaning mechanism for electro-kinetic air transporter-conditioner devices

PUBLICATION-DATE: December 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Lau, Shek Fai</u>	Foster City	CA	US	
<u>Lee, Jimmy L.</u>	Rohnert Park	CA	US	
<u>Parker, Andrew J.</u>	Sausalito	CA	US	

US-CL-CURRENT: 422/186; 134/104.1, 134/201, 361/226, 361/230

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

18. Document ID: US 20010032544 A1

L4: Entry 18 of 30

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010032544

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010032544 A1

TITLE: Electro-kinetic ionic air refreshener-conditioner for pet shelter and litter box

PUBLICATION-DATE: October 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 96/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
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 19. Document ID: US 20010004046 A1

L4: Entry 19 of 30

File: PGPB

Jun 21, 2001

PGPUB-DOCUMENT-NUMBER: 20010004046

PGPUB-FILING-TYPE: new-utility

DOCUMENT-IDENTIFIER: US 20010004046 A1

TITLE: Electro-kinetic air transporter-conditioner

PUBLICATION-DATE: June 21, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 204/176; 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
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 20. Document ID: US 6588434 B2

L4: Entry 20 of 30

File: USPT

Jul 8, 2003

US-PAT-NO: 6588434

DOCUMENT-IDENTIFIER: US 6588434 B2

TITLE: Ion emitting grooming brush

DATE-ISSUED: July 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 132/116; 132/154, 132/272, 15/104.002, 607/79

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
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 21. Document ID: US 6585935 B1

L4: Entry 21 of 30

File: USPT

Jul 1, 2003

US-PAT-NO: 6585935

DOCUMENT-IDENTIFIER: US 6585935 B1

TITLE: Electro-kinetic ion emitting footwear sanitizer

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 422/29; 422/186.07

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

22. Document ID: US 6350417 B1

L4: Entry 22 of 30

File: USPT

Feb 26, 2002

US-PAT-NO: 6350417

DOCUMENT-IDENTIFIER: US 6350417 B1

**** See image for Certificate of Correction ****

TITLE: Electrode self-cleaning mechanism for electro-kinetic air transporter-conditioner devices

DATE-ISSUED: February 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lau; Shek Fai	Foster City	CA		
<u>Lee; Jimmy Luther</u>	Rohnert Park	CA		
Parker; Andrew J.	Sausalito	CA		

US-CL-CURRENT: 422/186.04; 422/186.07

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

23. Document ID: US 6312507 B1

L4: Entry 23 of 30

File: USPT

Nov 6, 2001

US-PAT-NO: 6312507

DOCUMENT-IDENTIFIER: US 6312507 B1

**** See image for Certificate of Correction ****

TITLE: Electro-kinetic ionic air refreshener-conditioner for pet shelter and litter box

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 96/19, 119/165, 119/420, 119/500, 422/120, 422/186.07, 422/186.1,
422/5, 55/385.1, 95/3, 96/65, 96/77, 96/96, 96/97

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

24. Document ID: US 6182671 B1

L4: Entry 24 of 30

File: USPT

Feb 6, 2001

US-PAT-NO: 6182671

DOCUMENT-IDENTIFIER: US 6182671 B1

TITLE: Ion emitting grooming brush

DATE-ISSUED: February 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 132/116; 132/154, 132/272, 15/104.002, 607/79

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

25. Document ID: US 6176977 B1

L4: Entry 25 of 30

File: USPT

Jan 23, 2001

US-PAT-NO: 6176977

DOCUMENT-IDENTIFIER: US 6176977 B1

TITLE: Electro-kinetic air transporter-conditioner

DATE-ISSUED: January 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 204/176; 123/539, 132/272, 361/226, 361/230, 361/232, 422/186.07

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

26. Document ID: US 6163098 A

L4: Entry 26 of 30

File: USPT

Dec 19, 2000

US-PAT-NO: 6163098

DOCUMENT-IDENTIFIER: US 6163098 A

TITLE: Electro-kinetic air refreshener-conditioner with optional night light

DATE-ISSUED: December 19, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 310/308; 361/230, 361/235, 96/15, 96/26, 96/70, 96/95, 96/98[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KUMC](#) | [Draw. Desc](#) | [Image](#) 27. Document ID: US 6152146 A

L4: Entry 27 of 30

File: USPT

Nov 28, 2000

US-PAT-NO: 6152146

DOCUMENT-IDENTIFIER: US 6152146 A

TITLE: Ion emitting grooming brush

DATE-ISSUED: November 28, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 132/116; 132/154, 132/272, 607/79[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KUMC](#) | [Draw. Desc](#) | [Image](#) 28. Document ID: US 5975090 A

L4: Entry 28 of 30

File: USPT

Nov 2, 1999

US-PAT-NO: 5975090

DOCUMENT-IDENTIFIER: US 5975090 A

TITLE: Ion emitting grooming brush

DATE-ISSUED: November 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 132/116; 132/154, 132/272, 607/79[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KUMC](#) | [Draw. Desc](#) | [Image](#) 29. Document ID: US 5458105 A

L4: Entry 29 of 30

File: USPT

Oct 17, 1995

US-PAT-NO: 5458105
DOCUMENT-IDENTIFIER: US 5458105 A

TITLE: Wrist worn anti-snore apparatus for detecting snoring and for producing vibratory motion

DATE-ISSUED: October 17, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	San Rafael	CA		
<u>Smith; Blaine M.</u>	Lincoln City	OR		

US-CL-CURRENT: 128/848; 340/575

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

30. Document ID: US 4789801 A

L4: Entry 30 of 30

File: USPT

Dec 6, 1988

US-PAT-NO: 4789801
DOCUMENT-IDENTIFIER: US 4789801 A
**** See image for Reexamination Certificate ****

TITLE: Electrokinetic transducing methods and apparatus and systems comprising or utilizing the same

DATE-ISSUED: December 6, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Lee; Jimmy L.</u>	Santa Rosa	CA		

US-CL-CURRENT: 310/308; 323/903, 361/235, 381/111, 96/26, 96/76

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